Index to Volume XXVIII

Journal of Heredity, 1937

A

Abstracts, Biological, 366.
Achondroplasia, Inheritance of, 361.
Age Limit of Male Fertility, 240.
Albinism in a Cocker Spaniel, James McI. Phillips, 103.
Alexander, Jerome, Nature of Filterable Viruses, 38.
Alligator Pear, Fuerte Variety, 181.
Alopecia, in goat, 265.
American and German Eugenics (Rev.), 19.
Anderson, Arthur L., Hereford Pigs, 63.

Animal Genetics and Animal Breeding:

Blood-cell Size in Salamander, 73.
Cat, Alleged Dog Hybrid, 115, 310.
Cattle: Black Cutter Beef, 213; Brown Swiss, Genetic History of, 154; Color Inheritance in Shorthorn, 167, 418; History of Hereford, 283; Identical Twins, 415; Impacted Molars, 123; Lethal Factors in, 320.
Chromosome: Models, 139; Methods of Doubling, 393; Growth Without, 98.
Color Mutation in Ground Squirrel, 259.
Color Variations in Swordtail-Fish, 223.
Cosmecology: A Theory of Evolution, 367.
Dog: Albino, 103; Lethal Factors in, 320.
Fowl: Flightless, 17; Inherited Kidney Abnormality in, 335; Paralysis Inherited, 258; Lethal Factors in, 320; Origin of Trapnests, 344, 424; Turkey-Chicken Hybrids, 169.
Genetics and Disease, 233.
Glossary of Genetic Terms, 71.
Goats, Hairlessness in, 265.
Guinea Pigs, Hereditary Eye Defect in, 353.
Haploid Salamander, 3.
Hogs: Hereford, 63; Lethal Factors in, 320.
Horse Skeleton from Egypt, 371.
Hybrid, Definition of, 308.
Lethal Factors in Animals, 320.
Mouse: Transmission of Breast and Lung Cancer, 117, 363; Caracul, 334; Differences in Cancerous and Non-cancerous, 168, 260; Genetics of Leukemia, 131; JK Strain, 41; Lethal Factors, 320; Origin of Fancy, 93.
Orange-Colored Bud Sport of Agen Plum, 419.
Pedigree Chart, Cover Page of Sept., 1937.
Proved Sires Listed by Bureau of Dairy Industry, 277.
Rat: Linkage, 43; Mutations of the Hooded Gene, 383.
Sheep, Identical Twins in, 61.
Trapnests, Origin of, 344, 424.
Turkey-Chicken Hybrids, 169.
Viruses, Nature of, 38, 51, 233.
What is a Hybrid? 308.
Animal Disease, A Genetic Understanding of, 233.
Animal Who's Who (Rev.), 143.
Another Who's Who Twin, 362.
Antiquity of Mouse Variations in the Orient, Clyde E. Keeler and S. Fuji, 93.
Appendicitis Pedigrees, 186, 187.
"Apperception Mass"—or Psychology Right and Left? Clairette P. Armstrong, 27.
Are Plant Patents "Inventions"? Albert E. Fay, 261.
Armstrong, Clairette P., "Apperception Mass"—or Psychology Right and Left? 27.
Artificial Insemination, 33.
Avery, Amos G., Balanced and Unbalanced Haploids in Datura, 193; Methods of Inducing Doubling of Chromosomes in Plants, 393.
Avocado, Parent Fuerte, 181.
Awards, John Anisfield, The, 349.

B

Baker, E. G. Stanley, Family Pedigree for Appendicitis, 187.
Balanced and Unbalanced Haploids in Datura, Sophia Satina, A. F. Blakeslee and Amos G. Avery, 193.
Bamford, Ronald, Chromosome Number in Ipomoea and Related Genera, 279.
Beaudette, F. P., et al., Inherited Kidney Abnormality in the Domestic Fowl, 335.
Beginnings of Sterilization in America, William M. Kantor, 374.
Behavior, Human, Studies in (Rev.), 113.
Big Babies and Diabetes, 423.
Biological Abstracts, 366.
Firthrate, Statistics, etc., 203.
Birth Rates Can be Controlled, Caroline H. Robinson, 282.
Bittner, John J., Breast Cancer and Mother's Milk, 363.
Bittner, John J., and C. C. Little, Transmission of Breast and Lung Cancer in Mice, 117.
Blakeslee, A. F., et al, Balanced and Unbalanced Haploids in Datura, 193; Methods of Inducing Doubling of Chromosomes in Plants, 393.
Blood-cell, size in Salamander, 373.
"Blood Group of Diplomacy," 221.
Blood May Tell, James B. Finn, Jr., 373.
Blunn, C. T., Linkage Studies with Curly in the Rat, 43.
Bonsma, Jon C., Hereford Hogs, 63.

Books Received and Books Reviewed:

Alexander, Jerome, Colloid Chemistry Principles and Applications, 381.
Barzum, Jacques, Race, A Study in Modern Superstition, 381.
Bergdorfer, F., Volks and Wehrkraft, Krieg and Rasse, 68.
Bigelow, Maurice A., Sex Education, 146.
Birch, Carroll LaFleur, Hemophilia, 381.
Bogardus, Emory S., Introduction to Social Research, 121.
Bowler, Alida C. and Ruth S. Bloodgood, Institutional Treatment of Delinquent Boys, 146.
Brown, J. F., Psychology and the Social Order, 146.
Butterfield, Oliver M., Sex Life in Marriage, 381.
Chassell, Clara Frances, Relation Between Morality and Intellect, 65.
Cunningham, Bess V., Family Behavior, 114.
Darlington, C. D., Recent Advances in Cytology, 217.
Davenport, Chas. B., How We Came by Our Bodies, 144.
Du Nouy, P. Lecomte, Biological Time, 381.
Dight, Charles Fremont, Call for a New Social Order, 146.
Fieser, L. F., Chemistry of Natural Products Related to Phenanthrene, 380.
Findlay, George, Miscengation, 121.
Fortune, Editors of, The Great Darkness, 376.
Green, William Wilcox, Natural Law in the Economic World, 381.
Gutt-Linden-Massfeller, Blutschutzund Ehegesunheitsgests, 22.
Guttmacher, Alan Frank, Into This Universe, 146.
Gutt-Rudin-Ruttke, Gestez zur Verhutung erbkranken Nachwughses, 22.
Harrington, Milton, Wish-Hunting in the Unconscious, 268.
Harris, Leslie J., Vitamins in Theory and Practice, 380.
Hertzler, Prof. Joyce A., The Social Thought of the Ancient Civilizations, 146.
Holmes, S. J., Human Genetics and its Social Import, 146.
Howes, Durward, Editor, American Women, 1937, 381.
Huntington, Ellsworth, Tomorrow's Children, 19.
Jeans, James, William Bragg, E. V. Appleton, E. Mellanby, J. B. S. Haldane, J. Huxley, Scientific Progress, 146.
Lewin, Kurt, Principles of Topological Psychology, 146.
Lewis, Nolan D. C., Research in Dementia Praecox, 121.
Lush, Jay L., Animal Breeding Plans, 121.
Machin, Alfred Darwin's Theory Applied to Mankind, 381.
Mall, G. D., Konstitution und Affekt., 26.
Mead, George H., Movements of Thought in the Nineteenth Century, 121.
Morrison, A. Cressy, Man in a Chemical World, 381.
Myerson, A., et al., Eugenical Sterilization, 99.
Muckermann, Herman, Vererbung und Entwicklung, 381.
Nachtsheim, H., Von Wildtier zum Haustier, 420.
Newman, Freeman, and Holzinger, Twins, 381.
Ortner, Edourd, Biologische Typen Des Menschen, 146.
Schottky, Herausgegeben von Dr. med. Johs., Rasse Und Krankheit, 380.
Schulz, B., Methodik der Medizinischen Erbforschung, 128.
Schwarz, Osias L., Unconventional Ethics, 121.
Shaw, F. J. F., Handbook of Statistics for Use in Plant Breeding and Agricultural Problems, 381.
Starck, Stanton, and W. Koerth, Controlling Human Behavior, 113.
Stubbe, von H., Spontane und Strahleninduzierte Mutabilitat, 381.
Sure, Barnett, The Little Things in Life, 381.
Technological Trends and National Policy, 381.
Terman and Cox, Sex and Personality, Studies in Masculinity and Femininity, 121.
Timofeeff-Ressovsky, N. W., Experimentelle Mutations-Forschung in der Vererbungslehre, 381.
Trelease and Yule, Preparation of Scientific and Technical Papers, 146.
Warden, Carl J., Emergence of Human Culture, 121.
Westermarck, Edward, Future of Marriage in Western Civilization, 121.
Williams, S. H., The Living World, 380.
Vowinkel, E., Erbgesundheitsgesetz und Ehmittlung, etc., 48.
Borderliners, Tests for (Rev.), 48.
Brainy People Have Good Characters (Rev.), 65.
Breast Cancer and Mother's Milk, John J. Bittner, 363.
Breeder's Gifts to India, W. Burns, 138.
Breeding, Scientific, 344.
Brown, H. B., Round Leaf Cotton, 45.
Brown Swiss Cattle in United States, a Genetic History of, 154.
Bruman, A. J., Place of Iarovization in Plant Breeding, 31.

Bud Mutation of the Pear, 351.
Burch, Guy Irving, Headed for the Last Census? 203, 241.
Burns, W., Breeder's Gifts to India, 138.
Burrows, W. H., Turkey-Chicken Hybrids, 169.
Byerly, T. C., Turkey-Chicken Hybrids, 169.

C

Canary Bird, Lethal Characters, 320.
Cancer, 41, 117, 131, 168, 260, 376; See also *Human Genetics, Animal Genetics.*
Canning, Graeme A., The Problem of Race Betterment, 428.
Capinpin, José M., Inheritance of Nanism in Man, 361.
Caracul, a Dominant Mutation, L. C. Dunn, 334.
"Cat-Dog" from North Carolina, Henry Sternberger, 115, 310.
Cat, Lethal Characters in, 320.
Cattle, See under *Animal Genetics*, 213.
Causes of Mental Deficinecy (Rev.), 378.
Causes of "Black Cutter" Beef, H. R. Guilbert, 213.
Chard, Thornton, Early Horse Skeleton, 317.
Children of the Depression Poor, 176.
China, Antiquity of Fancy Mouse in, 93.
Chromosome Number in Ipomoea and Related Genera, J. Richard King and Roland Bamford, 279.
Chromosomes: of Salamander, 3; Methods of Inducing Doubling, 393; Models of, 139; Number in Ipomea, 279; in Neurospora, 105; Balance in Datura, 193.
Chronology of Genetics, 344.
Clark, Frank H., Pale Mutation in the Ground Squirrel, 259.
Clark, V. A., The Term "Genetics" Should Be Discontinued, 97.
Cleft Palate and Harelip, Heredity of, 366.
Coffman, F. A., Factors Influencing Seed Set in Oat Crossing, 297.
Colchicine, Doubling Chromosomes with, 393.
Color Inheritance in Shorthorn Cattle, E. Roberts, 167.
Color, Inheritance in Cattle, 167, 420; in Rats, 383.
Contributions of Genetics to Understanding of Animal Disease, John W. Gowen, 233.
Controlling Human Behavior (Rev.), 113.
Cook-Jaffee Cancer Controversy, 260.
Cook, Robert: Age Limit of Male Fertility, 240; Appendicitis Pedigree, 186; Blood Group of Diplomacy, 221; Eugenics at Greenbelt, 339; Five Generations in Ninety-nine Years, 254; Genetics Congress, 24; Ghost-Chaser in the Subconscious, 268; Legal Aspects of Artificial Insemination, 33; Light in the Darkness, 376; Note Regarding "Nonesuch," 115, 310; Simplified Cytology, 275; "SQ" in Eugenics and Human Eugenics, 165; Trapnest and Scientific Breeding, 344, 424.
Cornochan, F. G., New Mutation in the House Mouse, 333.
Cosmecology: A Theory of Evolution, Oliver L. Reiser, 367.
Cotton, John R., Round Leaf Cotton, 45.
Cotton: Inheritance of Okra-leaf and Round-leaf, 215; Round Leaf, 45; Species Cross, 311.
Cousin Marriages, Danger of, 380.
Crossing-Over, Non-Random in Neurospora, 105.
Curricula and the Birth Rate, Willystine Goodsell, 60.
Curtis, M. R., Two Independent Mutations of the Hooded or Piebald Gene of the Rat, 383.
Cytology, Simplified, 275.

D

Dangers of Cousin Marriages, 380.
Darlington, C. D., What Is a Hybrid? 308.
Datura, Balanced and Unbalanced Haploids in, 193.
Davis, J. E., Differences in Cancerous and Non-cancerous Mice, 168.
Debutantes, Clyde E. Keeler, 69.
Dermaloglyphics of Quadruplets, 147.
Depression Poor, Children of, 176.
Diabetes, Effect on Babies, 423.
Differential Birthrates, 241.
Differences in Cancerous and Non-cancerous Mice, 168.
Differences in Heterosis of Walnut Hybrids, C. E. Schuster, 216.
Disease, Genetics and, 233.
Disease, Inherited, See *Animal-Human-Plant Genetics.*
Dogs, Albinism in, 193; Lethal Characters in, 320.
Doll, Edgar A., Inheritance of Social Competence, 153A.*
Domestication, History of (Rev.), 420.
Double Sheep Pregnancy with Single Corpus Luteum, W. L. Henning, 61.
Doubling, Methods of Inducing Chromosomes in Plants, 393.
Dunn, L. C., Caracul A Dominant Mutation, 334.
Dunning, W. F., Two Independent Mutations in the Hooded or Piebald Gene of the Rat. 383.
Dynes, Alta E., Nursing and Eugenics, 304.
Dwarfism, Inheritance of, 361.

*Through an editorial blunder pages 151-160 inclusive are repeated at the end of the April issue and the beginning of the May issue. Pages 151-160 in the May issue are designated 151-*A*160-*A* in this index.

E

Ear Genetics, Complications in, 255.
Ear Lobe Inheritance, Eugene F. Powell and David D. Whitney, 185.
Early Horse Skeleton, Thornton Chard, 317.
Eaton, O. N., Hereditary Eye Defects in Guinea Pigs, 353; Summary of Lethal Characters in Animals and Man, 320.
Egyptian Horse's Skeleton, 317.
Emerson, Haven, Medicine and Eugenics, 304.
Erythrocytes of Salamander, 373.
Eugenical Sterilization, Madge Thurlow Macklin (Rev.), 99.
Eugenics, See *Human Heredity.*
Eugenics, American and German (Rev.), 19.
Eugenics at Greenbelt, Robert Cook, 339.
Eugenics in Other Lands, Hilda Von Hellmer Wullen, 269.
Eugenic Program, 304.
Evolution, A Theory of, Cosmecology, 367.
Extra-Chromosomal Causation of Breast Cancer in Mice, 117, 363.
Eye Defect in Guinea Pigs, Hereditary, 353; in Twins, 177.

F

Factors Influencing Seed Set in Oat Crossing, F. A. Coffman, 297.
Family Pedigree for Appendicitis, E. G. Stanley Baker, 187.
Fankhauser, Gerhard, Production and Development of Haploid Salamander Larvae, 3.
Fay, Albert E., Are Plant Patents "Inventions"? 261.
Fertility, Age Limit of Male, 240.
Filterable Viruses, Nature of, 38, 51.
Finger, Palm and Sole Prints of Monozygotic Quadruplets, John W. McArthur, 147.
Finn, James B., Jr., Blood May Tell, 373.
Fish Genetics, Color Variations in the Mexican Swordtail-Fish, 223.
Fitch, Lyle, The Inheritance of a Dominant White Forelock, 413.
Five Generations in Ninety-nine Years, R. C. Cook, 254.
Flightless Fowl, 17.
Fosdick, Raymond B., Report of Rockefeller Foundation, 219.
Four Generations of Polydactyly, V. W. Jackson, 267.
Fowl, See *Animal Genetics, Fowl.*
Frank, Lawrence K., Education and Eugenics, 304.
Fulton, Marshall N., and Benjamin V. White, Rare Pupillary Defect, 177.
Fuji, S., and Clyde E. Keeler, Antiquity of Mouse Variations in the Orient, 93.

G

Gene, See *Animal Genetics, Plant Genetics, Human Genetics.*
Gene and Virus Concept, 51, 233.
Genes Involved in Cancer Susceptibility, P. A. Gorer, 260.
Gene, Two Independent Mutations of the Hooded or Piebold of the Rat, 383.
Genetics and Animal Disease, 233.
Genetics Congress, 24, 57, 96, 359, 427.
Genetics, Complications in Ear, 425.
Genetic Furore in USSR, J. W. Pincus, 57.
Genetic History of Brown Swiss Cattle in United States, Dorsa M. Yoder and Jay L. Lush, 154.
Genetic History of Hereford Cattle in the United States, Oliver S. Willham, 283.
Genetics Medical, 268.
Genetics of Mouse Leukemia, E. C. MacDowell, 131.
Genetic Terms, Glossary of, 71.
"Genetics," the Term Should be Discontinued, 97.
German "Pure-Heredity" Laws (Rev.), 22.
Gifted Multuplets, Lawrence H. Snyder, 15.
Glossary of Genetic Terms, 71.
Goat, Inherited Hairlessness, 265.
Goodale, H. D., Trapnest and Scientific Breeding, 344.
Goodsell, Willystine, Curricula and the Birthrate, 60.
Gordon, Myron, Heritable Color Variations in the Mexican Swordtail-Fish, 223.
Gorer, P. A., Genes Involved in Cancer Susceptibility, 260.
Gossypium, See *Cotton.*
Gowen, John W., Contributions of Genetics to Understanding of Animal Disease, 233.
Grass, Selection in, 329.
Greenbelt, Eugenics at, 339.
Gregory, P. W., Linkage Studies with Curly in the Rat, 43.
Guilbert, H. R., Causes of "Black Cutter" Beef, 213.
Guinea Pigs, Hereditary Eye Defects, 353; Lethal Characters in, 320.

H

Hairlessness in Goats, 265.
Haldane, J. B. S., Probable New Sex-Linked Dominant in Man, 58; Note on Cousin Marriages, 380.
Hand, "Split," Inherited, 174, 421.
Haploids, Balanced and Unbalanced in Datura, 193.
Harelip and Cleft Palate, Heredity of, 366.
Harvey, Ethel Browne, Growth Without Chromosomes, 98.
Harper, R. M., Another Who's Who Twin, 362.
Harper, R. E., and T. R. Richmond, Inheritance of Okra-leaf and Round-leaf in Upland Cotton, 215.
Headed for the Last Census? Guy Irving Burch, 203, 241.
Hegner, Robert, Parade of the Animal Kingdom (Rev.), 143.
Heizer, Edwin E. and Marshall C. Hervey, Impacted Molars—A New Lethal in Cattle, 123.
Henning, William L., Double Sheep Pregnancy with Single Corpus Luteum, 61.

Heritable Color Variations in the Mexican Swordtail-Fish, Myron Gordon, 223.
Hereditary, Appendicitis, 187.
Hereditary Ear Malformation, Edith L. Potter, 255.
Hereditary Eye Defect in Guinea Pigs, O. N. Eaton, 353
Hereditary Nature of Harelip and Cleft Palate, 366.
Hereford Cattle, Genetic History, 283.
Hereford Hogs, Arthur L. Anderson and Jon C. Bonsma, 63.
Hervey, Marshall C. and Edwin E., Impacted Molars—New Lethal in Cattle, 123.
Heterosis, Differences in Walnut Hybrids, 216.
Heustis, R. R., How We Came by Our Bodies (Rev.), 144.
History of Domestication, W. M. Dawson (Rev.), 420.
Hodson, C. B. S., Information Service for Research Workers in Human Genetics, 114.
Hog, See *Animal Genetics.*
Holmes, S. J., German Pure Heredity Laws (Rev.), 22; Biological Effects of War (Rev.), 68.
Hooded, Gene of the Rat, 383.
Horns and Color, Inheritance in Cattle, 167.
Horses, Lethal Character, 320; Skeleton, 317.
How We Came by Our Bodies (Rev.), R. R. Heustis, 144.
Hudson, C. B., F. P. Jeffrey, F. R. Beaudette, Inherited Kidney Abnormality in the Domestic Fowl, 335.
Human Behavior, Studies in (Rev.), 113.
Human Inbreeding, A Japanese "Experiment," 379.

Human Heredity and Eugenics:

Award for Books on Race, 349.
Birth Rate Affected by Education, 60; control of, 282, 304.
"Blood Group of Diplomacy," 221.
Cancer, Causes of, 69, 260. See also *Animal Breeding, Cancer.*
Children of the Depression, Poor, 176.
Chromosomes, Models of, 139.
Cosmecology: A Theory of Evolution, 317.
Complications in Ear Genetics, A. S. Wiener, 425.
Dangers of Cousin Marriages, 380.
Differences in Cancerous and Non-Cancerous Mice, 168.
Ear Lobe Inheritance, 185, 255.
Eugenics at Greenbelt, 339.
Eugenics in Many Lands, 269.
Eugenic Program, 304.
Family Pedigree for Appendicitis, 187.
Fertility at Ninety-nine Years, 254.
Finger, Palm and Sole Prints of Monozygotic Quadruplets, 147.
Genetics and Disease, 233.
German Eugenic Laws, 22, 269.
Ghost-Chaser in the Subconscious, 268.

Human Heredity—Continued

Headed for the Last Census?, 203.
Heredity of Harelip and Cleft Palate, 366.
Human Genetics, Information Service, 114.
Human Lethal Characters, 320.
Inheritance of White Forelock, 413.
Inheritance of Social Competence, 153*A*.
Inheritance of Nanism in Man, 361.
Insemination, Artificial, Legal Aspects of, 33.
Japanese Human Inbreeding "Experiment," 279.
Limit of Male Fertility, 240.
Pedigree of Syndactyly, John C. Wightman, 421.
Polydactyly Inherited, 267.
Population Index, 303.
Population Trends, 241, 282, 304.
Problem of Race Betterment, 428.
Psychology Right and Left, 27.
Race Differences in Taste Acuity, 309.
Rare Pupillary Defect, 177.
Tooth Defect a Sex-linked Dominant, 58.
Twins, Gifted, 15; with Tuberculosis, 91.
Hybridizing Oats, 297.
Hybrids, Turkey-chicken, 169.
Hybrid Vigor in Sorghum, R. E. Karper and J. R. Quinby, 83.
Hybrid Vigor, Walnut, 216.
Hybrid, defined, 308.

I

Iarovization in Plant Breeding, 31.
Identical Twins in Cattle, Jay L. Lush, 415.
Immigration, Restriction, 27, 241.
Impacted Molars—A New Lethal in Cattle, Edwin E. Heizer and Marshall C. Hervey, 123.
Inbred Mice, Strain, 41.
Inbreeding, Brown Swiss Cattle in United States, 154.
Inbreeding, Coefficients, 283.
Inbreeding, Human, A Japanese Experiment, 279; Cousin Marriages Dangerous, 380.
India, Breeders' Gifts to, 138.
Inducing the Sweet Potato to Bloom and Set Seed, Julian C. Miller, 347.
Infinitely Small (Rev.), 219.
Information Service for Research Workers in Human Genetics, C. B. S. Hodson, 114.
Inheritance, See *Animal Genetics, Plant Genetics, Human Genetics.*
Inheritance of a Dominant White Forelock Through Five Successive Generations, Lyle Fitch, 413.
Inheritance of Avian Paralysis, 258.
Inheritance of Nanism in Man, José M. Capinpin, 361.
Inheritance of Okra-leaf and Round-leaf in Upland Cotton, T. R. Richmond and R. E. Harper, 215.

Inheritance of Social Competence, Edgar A. Doll, 153*A*.
Inherited Hairlessness in the Goat, D. Kislovsky, 265.
Inherited Kidney Abnormality in the Domestic Fowl, F. P. Jeffrey, F. R. Beaudette and C. B. Hudson, 335.
Intelligence Tests, Differential Birthrate, 241.
Inventions, Plant Patents, 261.

J

Jackson, V. W., Four Generations of Polydactyly, 267.
Japan, Antiquity of Fancy Mouse, 93.
Japanese Human Inbreeding "Experiment," 379.
Jeffrey, F. P., et al., Inherited Kidney Abnormality in the Domestic Fowl, 335.
Jellison, William L., and F. H. Clark, Pale Mutation in the Ground Squirrel, 259.
Jimson Weed, Haploid, 193; Polyploid, 393.
John Anisfield Awards, 349.
Juglans, Heterosis of Hybrids, 216.

K

Kaempffert Waldemar, Letter, 69.
Kantor, William M., Beginnings of Sterilization in America, 374.
Karper, R. E., and J. R. Quinby, Hybrid Vigor in Sorghum, 83.
Keeler, Clyde E., American and German Eugenics (Rev.), 19; Letter, 69.
Keeler, Clyde E., and S. Fuji, Antiquity of Mouse Variations in the Orient, 93.
Kemp, W. B., Natural Selection Within Plant Species, 329.
Kentucky Blue Grass, Selection in, 329.
Kidney, Inherited Abnormality in the Fowl, 335.
King, J. Richard, and Ronald Bamford, Chromosome Number in Ipomoea and Related Genera, 279.
Kinman, C. F., An Orange-Colored Bud Sport of the Agen Plum, 419.
Kislovsky, D., Inherited Hairlessness, Goat, 265.

L

Large-Fruited Bud Mutation of the Winter Nelis Pear, A. D. Shamel, 351.
Larvae, Salamander Haploid, 3.
Laws, Eugenic, 99, 269, 342.
Legal Aspects of Artificial Insemination, 33.
Lethal Genes, 233, 320.
Lethal Nature of Flightlessness in the Fowl, D. C. Warren, 17.
Letters to the Editor, 41, 69, 260.
Leukemia, Genetics of Mouse, 131.
Light in the Darkness, 376.
Lindegren, Carl C. and Gertrude, Non-Random Crossing-Over in Neurospora, 105.
Linkage, Sex, Dominant in Man, 58.
Linkage Studies with Curly, in the Rat, Blunn, C. T., and Gregory, P. W., 43.
Little, C. C., and John J. Bittner, Transmission of Breast and Lung Cancer in Mice, 117.
Lobster Claw, Inherited, 174, 421.
Lush, Jay L., and Dorsa M. Yoder, Genetic History of Brown Swiss Cattle in United States, 154.
Lush, Jay L., Identical Twins in Cattle, 415.

M

MacDowell, E. C., Genetics of Mouse Leukemia, 131.
Macklin, Madge Thurlow, Eugenical Sterilization (Rev.), 99.
Malformation, Ear, Hereditary, 255.
Man, Lethal Characters, 320.
Marriage, Laws, 269; of Cousins, 380.
McArthur, John W., Finger, Palm and Sole Prints of Monozygotic Quadruplets, 147.
McCracken, Henry N., Education and Eugenics, 304.
McKinney, H. H., Virus Mutation and the Gene Concept, 51.
Medical Genetics, 268.
Mental Deficiency, Etiology of, 378.
Mental Differences, 27.
Methods of Inducing Doubling of Chromosomes in Plants, Albert F. Blakeslee and Amos G. Avery, 383.
Miller, Julian C., Inducing the Sweet Potato to Bloom and Set Seed, 347.
Models of Chromosomes, 139.
Mohr, Otto Lous, Chairman of the International Committee, Postponement of Genetics Congress, 153, 359.
Molars, Impacted, in Cattle, 123.
Morality and Intellect Correlated (Rev.), 65.
Morlock Quadruplets, Finger, Palm and Sole Prints of, 147.
Mosaic, Nature of, 38, 51, 233.
Mouse, See *Animal Genetics, Mouse.*
Multuplets, Gifted, 15.
Mutation, Caracul, Dominant, 334.
Mutation in the Ground Squirrel, 259.
Mutation, Large-fruited Winter Nelis Pear, 351.
Mutation, Virus, Gene Concept, 38, 51, 233.

N

Nachtscheim, Hans, Von Wildtier zum Haustier (Rev.), 420.
Nanism, Inheritance of in Man, 361.
Nature in the Wild (Rev.), 143.
Nature of Filterable Viruses, Jerome Alexander, 38.
Natural Selection Within Plant Species, W. B. Kemp, 329.
Nebel, B. R., Zellforschung und Neuzuchtung, etc. (Rev.), 142.
Neurospora, Non-Random Crossing-Over in, 105.
New Approach to Eugenics, 304.
New Chromosome Model, H. B. Newcombe and G. B. Wilson, 139.
Newcombe, H. B., and G. B. Wilson, New Chromosome Model, 139.
New Cotton Varieties from a Species Cross, V. N. Ranganatha Rao, 311.
New Mutation in the House Mouse, F. G. Carnochan, 333.
"Nonesuch," ("Cat-Dog"), 115, 310.

Non-Random Crossing-Over in Neurospora, Carl C. Lindegren and Gertrude Lindegren, 105.

O

Orange-Colored Bud Sport of the Agen Plum, C. F. Kinman, 419.
Origin of Fancy Mouse, 93.
Origin of the JK Strain of Inbred Mice, Leonell C. Strong, 41.
Osborn, F., Studies in Human Behavior, 113.
Outposts in Science, *69*.

P

Pale Mutation in the Ground Squirrel, Frank H. Clark and William L. Jellison, 259.
Pangburn, Weaver W., Recreation and Eugenics, 304.
Paralysis, Avian, Inheritance, 258.
Parent Fuerte Avocado, A. D. Shamel, 181.
Parr, L. W., Blood Group of Diplomacy, 221.
Pear, Large-Fruited Winter Nelis, 351.
Pedigree, Appendicitis, 186.
Pedigree of a Syndactylous Family, Paul Popenoe, 174.
Pedigree of Syndactyly, John C. Wightman, 421.
Phenyl-thio-carbamide (PTC), 309.
Phillips, James McI., Albinism in a Cocker Spaniel, 103.
Piebald, Gene of the Rat, 383.
Pig, See *Animal Genetics, Hog*.
Pigs, Guinea, Hereditary Eye Defects, 353.
Pincus, J. W., Genetic Furore in USSR. (Rev.), 57.
Place of Iarovization in Plant Breeding, A. J. Bruman, 31.
Plant Breeding and Plant Genetics:
Balanced and Unbalanced Haploids in Datura, 193.
Breeder's Gifts to India, 138.
Chromosomes, Growth without, 98.
Cotton Species, Cross, 311.
Cytology for Plant Breeders, 275.
El Tule—A Plant Immortal, 35.
Glossary of Genetic Terms, 71.
Heterosis in Sorghum, 83; in Walnut Hybrids, 216.
Inducing the Sweet Potato to Set Seed, 347.
Inheritance of Okra-leaf and Round-leaf in Upland Cotton, 215.
Ipomoea, Chromosome Numbers, 279.
Large-Fruited Winter Nelis Pear, 351.
Methods of Inducing Doubling of Chromosomes, 383.
Natural Selection Within Plant Species. 329.
Nature of Filterable Viruses, 38.
Neurospora crassa, Crossing-Over in, 105.
Oat Hybridization Methods, 297.
Parent Fuerte Avocado, Tree, 181.
Place of Iarovization in Plant Breeding, 31.
Plant Patents, 261.
Round Leaf Cotton, 45.
Virus Mutation and Genes, 51.
What Is a Hybrid?, 308.
Plant Patents, 261.
Plum, Agen, Orange-Colored Bud Sport, 419.
Pollination of Oats, 297.
Polydactyly, Four Generations of, 267.
Polyploids in Practical Plant Breeding (Rev.), P. W. Whiting, 143.
Polyploidy, Induced by Colchicine, 383.
Popenoe, Paul, Temperament and Conformation (Rev.), 26; Split-Hand, 174; Tests for Borderliners (Rev.), 48.
Population Estimates, 241; Index, 303; Statistics and Trends, 203.
Postponement of Genetics Congress, Otto Lous Mohr, 153, 359.
Postscript Regarding Trap-nests, Robert C. Cook, 424.
Potter, Edith L., Hereditary Ear Malformation, 255.
Poultry, See *Animal Genetics, Fowl*.
Powell, Eugene F., and David D. Whitney, Ear Lobe Inheritance, 185.
Probable New Sex-Linked Dominant in Man, J. B. S. Haldane, 58.
Problem of Race Betterment, Graeme A. Canning, 428.
Production and Development of Haploid Salamander Larvae, Gerhard Fankhauser, 3.
Psychology Right and Left, 27.
PTC., Race Differences in Tasting, 309.
Pupillary Defect, 177.

Q

Quadruplets, Finger, Palm and Sole Prints of Monozygotic, 147.
Quinby, J. R., and R. E. Karper, Hybrid Vigor in Sorghum, 83.
Quinn, J. P., W. H. Burrows and T. C. Byerly, Turkey-Chicken Hybrids, 169.

R

Rabbit, Lethal Characters, 320.
Race Betterment, See *Human Heredity*.
Race Differences in Taste Acuity, 309.
Rao, V. N. Ranganatha, New Cotton Varieties from a Species Cross, 311.
Rare Pupillary Defect, Benjamin V. White, Jr., and Marshall N. Fulton, 177.
Rat, Lethal Characters, 320; Linkage Study with Curly, 43; Mutations of the Hooded Gene, 383.
Recent Advances in Cytology (Rev.), 217.
Red-blood Cells, Measurements of, 373.
Reiser, Oliver L., Cosmecology: A Theory of Evolution, 367.
Richmond, T. R., and R. E. Harper, Inheritance of Okra-leaf and Round-leaf in Upland Cotton, 215.
Rife, D. C., Causes of Mental Deficiency (Rev.), 378.
Rife, Cecil D., Twins with Tuberculosis, 91.
Roan Cattle, Inheritance, 167.
Roberts, E., Color Inheritance in Shorthorn Cattle, 167.
Robinson, Caroline H., Birth Rates Can Be Controlled, 282.
Rockefeller Foundation, Report, 219.

Round Leaf Cotton, H. B. Brown and John R. Cotton, 45.
Russian Plant Breeding (Rev.), J. W. Pincus, 141.

S

Salamander, Haploid, 3; Blood-cell size, 341.
Satina, Sophia, et al., Balanced and Unbalanced Haploids in Datura, 193.
Schuster, C. E., Differences in Heterosis of Walnut Hybrids, 216.
Scientific Breeding, Definition, 344.
Selection at Work, 34; Basis of, 329.
Seventh International Genetics Congress, Postponed, 24, 52, 96, 359.
Shamel, A. D., El Tule—A Plant Immortal, 35; Large-Fruited Bud Mutation of the Winter Nelis Pear, 351; Parent Fuerte Avocado, 181.
Sheep, Lethal Characters, 320; Twin Pregnancy with Single Corpus Luteum, 61.
Simplified Cytology (Rev.), R. C. Cook, 275.
Six-Digited Family, 267.
Slye, M., Cancer Theory, 260; Pedigree of Mouse Leukemia, 131.
Snyder, Lawrence H., Gifted Multuplets, 15.
Social Competence, Inheritance of, 153*A*.
Sorghum, Hybrid Vigor in, 83.
Split-Hand, Paul Popenoe, 174.
Squirrel, Ground, Pale Mutation in the, 259.
"SQ" in Eugenics and Human Genetics, 165.
Standardized Pedigree Chart, cover of Sept., 1937.
Steggerda, Morris, Testing Races for the Threshold of Taste with PTC, 309.
Sterilization, 269; Beginnings of in America, 342; Eugenical, 99.
Sternberger, Henry, "Cat-Dog" from North Carolina, 115; "Nonesuch" Has Birthday—and Kittens, 310.
Strong, Leonell C., Origin of the JK Strain of Inbred Mice, 41.
Studies in Human Behavior, Frederick Osborn (Rev.), 113.
Summary of Lethal Characters in Animals and Man, O. N. Eaton, 320.
Superfetation in Man, 330.
Sweet Potato, Chromosomes of, 275; Induced to Set Seed, 347.
Swine, Lethal Characters, 320.
Swordtail-fish, Heritable Color Variations in, 223.
Syndactylous Family, Pedigrees of, 174, 421.

T

Taste Acuity, 309.
Temperament and Conformation (Rev.), 26.
Term "Genetics" Should Be Discontinued, V. A. Clark, 97.
Tests for Borderliners (Rev.), Paul Popenoe, 48.
Testing Races for Threshold of Taste, with PTC., Morris Steggerda, 309.
The Causes of Mental Deficiency (Rev.), D. C. Rife, 378.
Tomorrow's Children, Huntington, Ellsworth (Rev.), 19.
Tooth Defect Inherited, 58.
Trapnest and Scientific Breeding, H. L. Goodale, 344, 424.
Transmission of Breast and Lung Cancer in Mice, John J. Bittner and C. C. Little, 117.
Trees, Large, 35.
Tuberculosis, Twins with, 91.
Tumor, Transmission of Breast and Lung Cancer in Mice, 117.
Turkey-Chicken Hybrids, J. P. Quinn, W. H. Burrows and T. C. Byerly, 169.
Twins, Identical in Cattle (Rev.), 415.
Twinning in Sheep, 61.
Twins in *Who's Who*, 362; Rare Pupillary Defect in, 177; Tubercular, 91.
Twins with Tuberculosis, Cecil D. Rife, 116.
Two Independent Mutations of the Hooded or Piebald Gene of the Rat, M. R. Curtis and W. F. Dunning, 383.

V

Vasectomy, 374.
Vernalization, Place of in Plant Breeding, 31.
Vineland Social Maturity Scale, 153A.
Viruses, Filterable, Nature of, 38.
Virus Mutation and the Gene Concept, H. H. McKinney, 51.
Virus, Mutation by X-Rays, 233.
Vom Wildtier zum Haustier, Hans Nachtscheim, 418.

W

War, Biological Effects of (Rev.), 68.
Walnut Hybrids, Heterosis, 216.
Warren, D. C., Lethal Nature of Flightlessness in the Fowl, 17.
What Is a Hybrid?, C. D. Darlington, 308.
Wheat Breeding in India, 138.
White, Benjamin V., Jr., and Marshall N. Fulton, Rare Pupillary Defect, 177.
White Forelock, Inheritance, 413.
Whiting, P. W., Polyploids in Practical Plant Breeding (Rev.), 142.
Whitney, David D., and Eugene F. Powell, Ear Lobe Inheritance, 185.
Wiener, A. S., Complications in Ear Genetics, 425.
Wightman, John C., Pedigree of Syndactyly, 421.
Willham, Oliver S., Genetic History of Hereford Cattle, United States, 283.
Wilson, G. B., and H. B. Newcombe, New Chromosome Model, 139.
Who's Who, Another Twin in, 362.
Wullen, Hilda von Hellmer, Eugenics in Other Lands, 269.
Yoder, Dorsa M., and Jay L. Lush, Genetic History of Brown Swiss Cattle in United States, 154.

Y

You Tell 'Em, Doc!, 268.